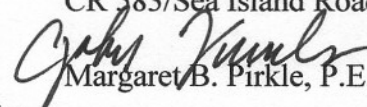



ORIGINAL TO GENERAL FILES

D.O.T. 66

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

INTERDEPARTMENT CORRESPONDENCE

FILE P. I. No. 0005879, Glynn County **OFFICE** Preconstruction
BRG-0005-00(879)
CR 583/Sea Island Road over Dunbar Creek **DATE** June 1, 2005
FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction
TO  SEE DISTRIBUTION

SUBJECT PROJECT CONCEPT REPORT APPROVAL

Attached for your files is the approval for subject project.

MBP/cj

Attachment

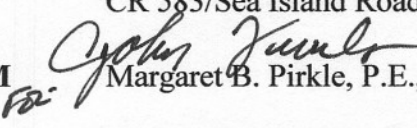
DISTRIBUTION:

David Mulling
Harvey Keepler
Ken Thompson
Jamie Simpson
Michael Henry
Keith Golden
Joe Palladi (file copy)
Paul Liles
Babs Abubakari
Gary Priester
BOARD MEMBER

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA

INTERDEPARTMENT CORRESPONDENCE

FILE P.I. No. 0005879, Glynn County **OFFICE** Preconstruction
BRG-0005-00(879)
CR 583/Sea Island Road over Dunbar Creek **DATE** May 19, 2005

FROM  Margaret B. Pirkle, P.E., Assistant Director of Preconstruction

TO David E. Studstill, Jr., P.E., Chief Engineer

SUBJECT PROJECT CONCEPT REPORT

This project is the replacement of a structurally deficient bridge on CR 583/Sea Island Road over Dunbar Creek on St. Simons Island, Georgia. The existing bridge, constructed in 1960, is load limited with a sufficiency rating of 46. County Road 583 at this location is a rural two lane roadway with 12' travel lanes with rural shoulders. Traffic is projected to be 11,500 VPD and 20,000 VPD in the years 2004 and 2032 respectively. The posted speed and the design speed are 45 MPH.

The construction proposes to construct a new 350' x 40' concrete bridge over Dunbar Creek at the existing bridge site. The approaches will consist of two, 12' lanes with 6' rural shoulders. Traffic will be routed to an onsite detour bridge that will be constructed north of the existing bridge.

Environmental concerns include requiring a COE 404 Permit; a Categorical Exclusion will be prepared; a public hearing open house is not required; time saving procedures are appropriate.

The estimated costs for this project are:

	<u>PROPOSED</u>	<u>APPROVED</u>	<u>FUNDING</u>	<u>PROG DATE</u>
Construction (includes E&C and inflation)	\$1,490,000	\$1,600,000	Q11	LR
Right-of-Way & Utilities*	Local	Local		

*Glynn County signed LGPA on 9-18-03 for right-of-way, utilities and detours.

David Studstill

Page 2

P. I. No. 0005879, Glynn

May 19, 2005

I recommend this project concept be approved.

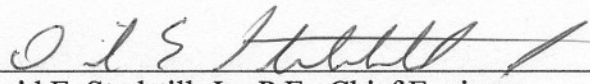
MBP:JDQ/cj

Attachment

CONCUR


Buddy Gratton, P.E., Director of Preconstruction

APPROVE


David E. Studstill, Jr., P.E., Chief Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Interdepartmental Correspondence

File: BRG-0005-00(879) Glynn County
Desc.: Bridge Replacement on Sea Island Road/
C.R. 583 over Dunbar Creek
PI No. 0005879

Office : Jesup

Date: 5-10-2005

From: Gary D. Priester, District Engineer, Jesup



To: Meg Pirkle, Assistant Director of Preconstruction

Subject: Project Concept Report

Remarks:

Attached is the original copy of the Concept Report for your further handling for approval in accordance with the Plan Development Process (PDP).

This project is to replace bridge 127-0066-0 on Sea Island Road/ C.R. 583 over Dunbar Creek. This project is located on Saint Simons Island in Glynn County. The bridge has substandard load capacity. It has a sufficiency rating of 46.30 and was designed for H-15 live loading. Bridges with sufficiency rating under 50 and is designed for H-15 live loading do not meet current standards under TOPPS directive 2405-1. The existing bridge deck, which is 30 ft. wide, will be replaced with a bridge which is 40 ft. wide. This will meet the guidelines of TOPPS directive 4265-9..

Should you have any questions or need any additional information, please contact Dennis Odom at 912-427-5716 or Billy Dampier at 912-427-5717.

GDP:ADO:bjd

Attachments

cc:

General File Unit, Atlanta
Harvey Keepler, Office of Environment / Location
Joe Palladi P.E., Office of Planning
Brian Summers, Office of Engineering Services
Paul Liles, Office of Bridge Design
Jamie Simpson, Office of Financial Management
Keith Golden, Office of Traffic Safety and Design
Teresa Scott, District Planning and Programming
Jesup Files

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Office: Jesup

Project Number: BRG-0005-00(879)

County: Glynn

P. I. Number: 0005879

Bridge Replacement on Sea Island Road/ C.R. 583 over Dunbar Creek

Recommendation for approval:

DATE 5/10/2005

DATE 5/10/2005

Billy James Ranspie
Project Manager
Harry W. Pitt
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the State Transportation Improvement Program (STIP).

DATE _____

State Transportation Planning Administrator

DATE _____

Office of Financial Management Administrator

DATE _____

State Environmental/Location Engineer

DATE _____

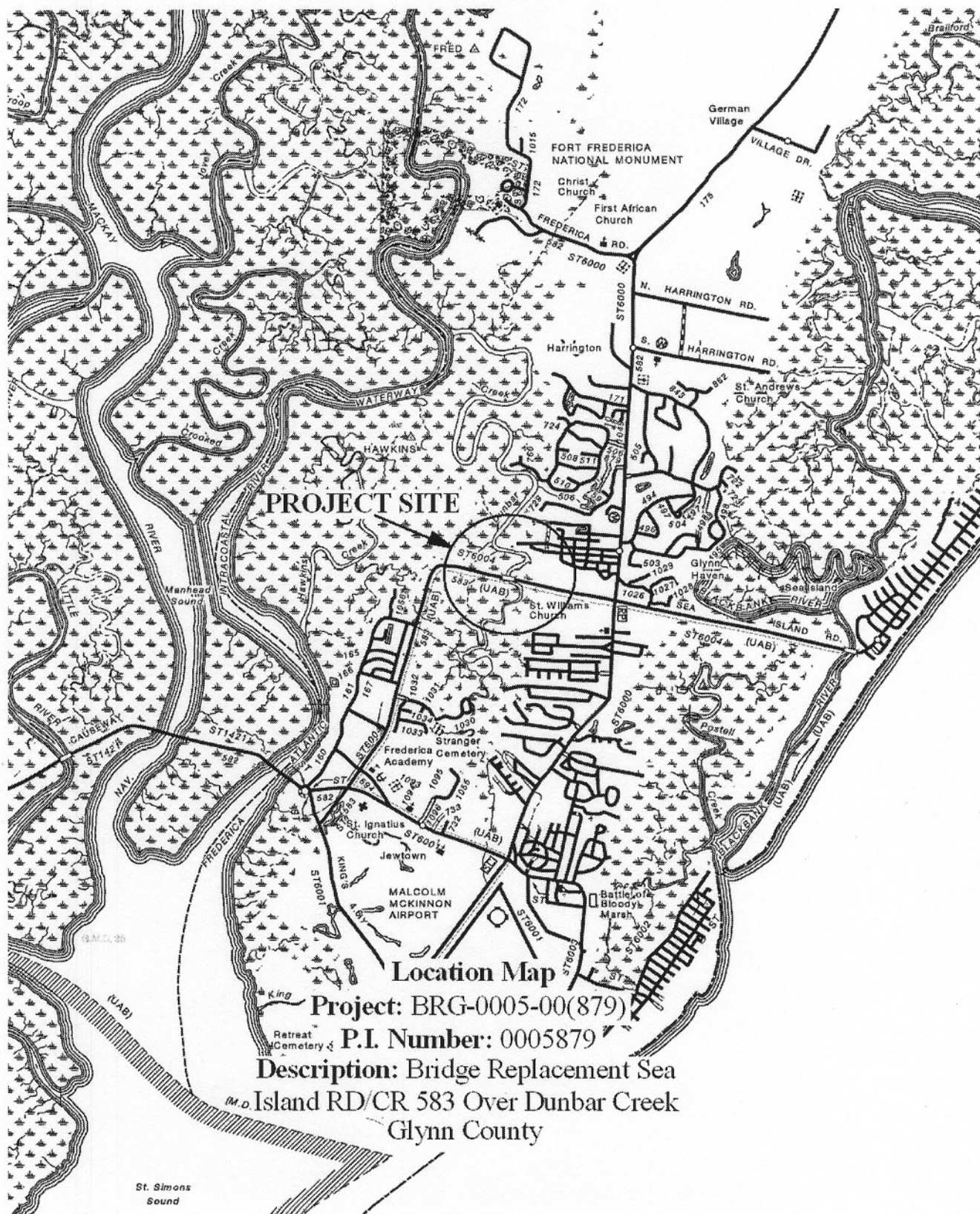
State Traffic Safety and Design Engineer

DATE _____

Project Review Engineer

DATE 5/14/05

Paul V. Liles Jr.
State Bridge & Structural Engineer



Need and Purpose: This project is to replace bridge 127-0066-0 on Sea Island Road/ C.R. 583 over Dunbar Creek. This project is located on Saint Simons Island in Glynn County. The bridge has substandard load capacity. It has a sufficiency rating of 46.30 and was designed for H-15 live loading. Bridges with sufficiency rating under 50 and are designed for H-15 live loading do not meet current standards under TOPPS directive 2405-1. The existing bridge deck, which is 30 ft. wide, will be replaced with a bridge which is 40 ft. wide. This will meet the guidelines of TOPPS directive 4265-9.

Description of the proposed project: This proposed project being 0.4 miles long is to replace a substandard bridge over Dunbar Creek located on St. Simons Island in Glynn County. The logic for establishing this termini is due to replacing the bridge, and reworking the shoulders and slopes to accommodate the guardrail. The new bridge will be constructed on the same alignment and traffic will be routed to an onsite detour bridge that will be constructed north of existing bridge. Upon completion of the project, this detour bridge will be removed in its entirety. The concept proposes to satisfy the Need and Purpose by replacing a substandard load capacity and deck geometry bridge, while at the same time placing guardrail, and upgrading shoulders to accommodate guardrail.

Is the project located in a Non-attainment area?YesX.....No.

PDP Classification: Major _____ Minor X

Federal Oversight: Full Oversight (), Exempt(), State Funded(X), or Other ()

Functional Classification: Collector Road

U. S. Route Number(s): N/A

State Route Number(s): N/A

Traffic (ADT):

Current Year: (2004) 11,500

Design Year: (2032) 20,000

Existing design features:

- Typical Section: *(two paved 12' lanes, with 6' unpaved shoulders)*
- Posted speed 45 mph Maximum degree of curvature: N/A
- Maximum grade: 2.0 % (List mainline, cross roads, and driveways)
- Width of right of way: 100 ft.
- Major structures: bridge 325 ft. length 30 ft. width 46.30 sufficiency rating
(List all bridge structures including length, width, and sufficient rating).
- Major interchanges or intersections along the project: N/A

Proposed Design Features:

- Proposed typical section(s): *(two paved 12' lanes, with unpaved 6' shoulders & 4:1 slopes)*
- Proposed Design Speed Mainline 45 mph
- Proposed Maximum grade Mainline 2.0% Maximum grade allowable 3.5%.
- Proposed Maximum grade Side Street N/A Maximum grade allowable N/A.
- Proposed Maximum grade driveway N/A
- Proposed Maximum degree of curve N/A. Maximum degree allowable N/A.
- Right of way
 - Width 100 ft. Existing.
 - Easements: Temporary (X), Permanent (), Utility (), Other ().
 - Type of access control: Full (), Partial (), By Permit (X), Other ().
 - Number of parcels: 2 Number of displacements: 0
 - Business: 0
 - Residences: 0
 - Mobile homes: 0
 - Other: 0
- Structures:
 - Bridges - The proposed bridge will be 350'x 40'.
 - Retaining walls - None
- Major intersections and interchanges. N/A
- Traffic control during construction: *Traffic will be routed to an onsite detour bridge that will be constructed north of existing bridge*
- Design Exceptions to controlling criteria anticipated: None anticipated

	<u>UNDETERMINED</u>	<u>YES</u>	<u>NO</u>
HORIZONTAL ALIGNMENT:	()	()	(x)
ROADWAY WIDTH:	()	()	(x)
SHOULDER WIDTH:	()	()	(x)
VERTICAL GRADES:	()	()	(x)
CROSS SLOPES:	()	()	(x)
STOPPING SIGHT DISTANCE:	()	()	(x)
SUPERELEVATION RATES:	()	()	(x)
HORIZONTAL CLEARANCE:	()	()	(x)
SPEED DESIGN:	()	()	(x)
VERTICAL CLEARANCE:	()	()	(x)
BRIDGE WIDTH:	()	()	(x)
BRIDGE STRUCTURAL CAPACITY:	()	()	(x)

No deviations are expected

- Design Variances; *(No design variances expected).*
- Environmental concerns: *(Possible Section 404 permit. No hazardous waste sites, history, or archaeological sites were noted at the project site.)*

Project Concept Report page 5
Project Number: BRG-0005-00(879)
P. I. Number: 0005879
County: Glynn

- Anticipated level of environmental analysis:
 - Are Time Savings Procedures appropriate? Yes (X), No (),
 - Categorical exclusion (X)
- Utility involvements: (*Cable, Telephone, Fiber Optics, Power & Force Main*)

Project responsibilities:

- Design - District 5 Design Section
- Right of Way Acquisition - Glynn County
- Relocation of Utilities - Utility Companies
- Letting to contract - G.D.O.T.
- Supervision of construction - G.D.O.T.
- Providing material pits - Contractor
- Providing detours – Contractor

Coordination

- A concept meeting was held on April 14, 2005. Minutes are attached
- No P. A. R. meetings were held
- No public involvement
- Local Government involvement: LGPA Signed on August 12, 2003
- Other projects in the area: None
No other coordination to date.

Scheduling – Responsible Parties' Estimate

- Time to complete the environmental process: 9 Months.
- Time to complete preliminary construction plans: 9 Months.
- Time to complete right of way plans: 6 Months.
- Time to complete the Section 404 Permit: 9 Months
- Time to complete final construction plans: 6 Months.
- Time to complete to purchase right of way: 12 Months.
- List other major items that will affect the project schedule: None

Other alternates considered:

1. Build proposed bridge on new alignment north of the existing bridge.
2. Build proposed bridge on existing alignment and closing the road, using local roads for an offsite detour.
3. No Build.

Comments:

Alternate (1) was eliminated because safety concerns with realigning the existing roadway which is currently in a tangent section.

Alternate (2) was eliminated due to the over loading of local roads that would be used for the offsite detour.

Alternate (3) was eliminated due to safety concern of continuing to use a bridge that does not meet the minimum bridge width requirement and the long-term maintenance cost of a structurally deficient bridge.

Attachments:

1. Cost Estimates:
 - a. Construction including E&C,
 - b. Right of Way, and
 - c. Utilities.
2. Typical Sections,
3. Bridge Inventory,
4. Minutes of Initial Concept and Concept meetings,
5. LGPA
6. Location and Design Notice (On Minor Projects), and
7. Traffic Volume Report.

PRELIMINARY COST ESTIMATE

DATE: 10/20/2004

PROJECT NUMBER: BRG-0005-00(879) Glynn

P.I. NUMBER: 0005879

PROJECT DESCRIPTION: Bridge Replacement on Sea Island Road/ C.R. 583 over Dunbar Creek

PROPOSED CONCEPT: Bridge Replacement

TRAFFIC: DHV 2,000 (2-Way) DHV 1,200 (1-Way)

EXISTING: 2004 ADT 11,500 DESIGN: 2032 ADT 20,000

Program Process () Concept Development (X) Project Development ()

PROJECT COSTS

A. RIGHT OF WAY:

1. PROPERTY (LAND & EASEMENTS)	\$8,000
2. DISPLACEMENTS \$ RELOCATIONS -	\$0.00
3. OTHER COSTS (ADM./COURT/INFLATION) -	\$800

SUBTOTAL ===== \$8,800

B. REIMBURSABLE UTILITIES:

1. TELEPHONE LINES -	\$10,000
2. TRANSMISSION LINES -	\$0
3. SERVICES -	\$0

SUBTOTAL ===== \$10,000

C. MAJOR STRUCTURES:

1. BRIDGE REMOVAL - 325' X 31.5' @ \$10/SF	\$102,375
2. BRIDGE- stream crossing - 350' X 40' @ \$53/SF	\$742,000
3. BRIDGE - over/underpass	\$0
4. BOX CULVERTS -	\$0

SUBTOTAL ===== \$844,375

ESTIMATE SUMMARY

D. GRADING AND DRAINAGE:

1. EARTHWORK

Grading Complete 23,468 cu. yds. @ \$2.50 per cu. Yd.	\$58,670
unclas excavation -	\$0

2. DRAINAGE

a. CROSS DRAIN PIPES (exc. Box culverts) -	\$0
--	-----

b. CURB & GUTTER - lf X \$12/lf	\$0
---------------------------------	-----

c. LONGITUDINAL SYSTEM (incl. Catch Basins) -	\$0
--	-----

SUBTOTAL =====	\$59,783
----------------	----------

E. BASE AND PAVING:

1. AGGREGATE BASE -9,650 sq yd @ \$6.50 per sq yd	\$62,725
---	----------

2. ASPHALT PAVING - 2,450 tons @ \$35 per ton	\$85,750
---	----------

3. CONCRETE PAVING - Appr slab 554 sq yd @ \$120 per sq yd	\$66,480
--	----------

4. OTHER (driveways, mill existing paving, etc.) -	\$2,000
--	---------

SUBTOTAL =====	\$216,955
----------------	-----------

F. LUMP SUM ITEMS:

1. EROSION CONTROL -	\$110,000
----------------------	-----------

2. CLEARING & GRUBBING -	\$0
--------------------------	-----

3. TRAFFIC CONTROL -	\$30,000
----------------------	----------

4. LANDSCAPING -	\$0
------------------	-----

5. DETOUR BRIDGE 25\$ X 8,400 sq. ft. -	\$210,000
---	-----------

SUBTOTAL =====	\$350,000
----------------	-----------

G. MISCELLANEOUS:

1. LIGHTING -	\$0
---------------	-----

2. SIGNING & STRIPING - \$ 10,000/mi X 1.0 mi -	\$4,224
---	---------

3. GUARDRAIL -	\$15,000
----------------	----------

SUBTOTAL =====	\$19,224
----------------	----------

ESTIMATE SUMMARY

A. RIGHTS-OF-WAY -----	\$8,800
B. REIMBURSABLE UTILITIES -----	\$10,000

CONSTRUCTION COST SUMMARY

C. MAJOR STRUCTURES -----	\$844,375
D. GRADING AND DRAINAGE -----	\$58,670
E. BASE AND PAVING -----	\$216,955
F. LUMP SUM ITEMS -----	\$350,000
G. MISCELLANEOUS -----	\$19,224
SUBTOTAL CONSTRUCTION COST -----	\$1,489,224
E & C (10%) -----	\$148,922
INFLATION (1 YRS @ 5% /YR) -----	\$74,461
TOTAL CONSTRUCTION COST =====	\$1,712,608
GRAND TOTAL PROJECT COST =====	\$1,731,408

pg 3 of 3

Cost Estimate Prepared by: Billy Dampier, CAD Operator 2

DATE: 04/11/93 04:25:03
 DRAWN BY: J. J. JONES

PROJECT: 111-111-111
 DRAWN BY: J. J. JONES

FILE: 111-111-111.DWG

COUNTY

PROJECT NUMBER

SHEET NO.

TOTAL SHEETS

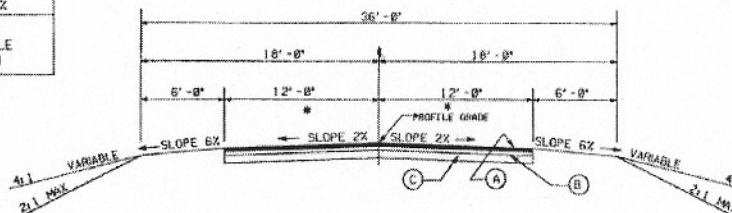
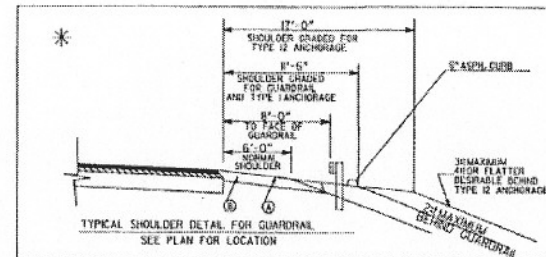
TYPICAL SECTION

SLOPE CONTROLS		
SLOPE	CUT	FILL
4:1	0'-6"	0'-10"
3:1	6'-10"	
* 2:1	OVER 10'	OVER 10'

* GUARDRAIL REQ'D.
ON ALL 2:1 SLOPES

© STANDARD CROSS-SLOPE OF 2% MAY BE VARIED -
AS DIRECTED BY THE ENGINEER - TO BEST FIT
THE EXISTING ROADWAY AS PER SECTION
119 OF THE SUPPLEMENTAL SPECIFICATIONS.
SEE * ALLOWABLE RANGES TABLE.

ALLOWABLE RANGES TABLE - NORMAL CROWN	
SECTION WITH GRADES 0.5% OR GREATER	SECTION WITH GRADES LESS THAN 0.5%
1.50% - MINIMUM	1.56% - MINIMUM
2.00% - DESIRABLE	2.00% - DESIRABLE
2.50% - MAXIMUM	3.00% - MAXIMUM



- ALTERNATE "A"
- (A) 138 LBS. PER SQ YD ASPH CONC 12.5 MM SUPERPAVE (LEVEL B)
 - (B) 228 LBS. PER SQ YD ASPH CONC 19 MM SUPERPAVE (LEVEL A)
 - (C) 558 LBS. PER SQ YD ASPH CONC 25 MM SUPERPAVE (LEVEL A)

- ALTERNATE "B"
- (A) 138 LBS. PER SQ YD ASPH CONC 12.5 MM SUPERPAVE (LEVEL B)
 - (B) 338 LBS. PER SQ YD ASPH CONC 19 MM SUPERPAVE (LEVEL A)
 - (C) GRADED AGGREGATE BASE - 8 IN.

* PAY LIMITS FOR GRADED AGGREGATE BASE.

GEORGIA
DEPARTMENT
OF
TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: COVER

DRAWING NO.

Bridge Inventory Data Listing Georgia Department of Transportation.

Structure ID: 127-0066-0

Glynn

SUFF. RATING: 46.30

Location & Geography		Signs & Attachments	
* Structure ID:	127-0066-0	225Expansion Joint Type:	02
200 Bridge Information:	06	242Deck Drains:	1
*6A Feature Int:	DUNBAR CREEK	243Parapet Location:	3.00
*6B Critical Bridge:	0	Height:	1.20
*7A Route Number Carried:	CR00583	Width:	0.80
*7B Facility Carried:	SEA ISLAND ROAD	238Curb Height:	0.0
*9 Location:	2.4 MI N ST SIMONS ISLAND	Curb Material:	0
2 DOT District:	5	239Handrail:	2 2
207 Year Photo:	2004	*240Median Barrier Rail:	0
*91 Inspection Frequency:	24 Date: 10/26/2004	241Bridge Median Height:	0.0
92A Fract Crit Insp Freq:	00 Date: 2/1/1901	* Bridge Median Width:	0.0
92B Underwater Insp Freq:	60 Date: 3/13/2001	230Guardrail Loc. Dir. Rear:	3
92C Other Spc. Insp Freq:	00 Date: 2/1/1901	Fwd:	3
*4 Place Code:	68068	Oppo. Dir. Rear:	0
*5 Inventory Route (O/U):	1	Oppo. Fwd:	0
Type:	4	244Approach Slab:	0
Designation:	1	224Retaining Wall:	0
Number:	01550	233Posted Speed Limit:	35
Direction:	0	236Warning Sign:	0
*16 Latitude:	31 - 11.1 HMMS Prefix:	234Delineator:	0
*17 Longitude:	81 - 23.2 HMMS Suffix: MP:0.00	235Hazard Boards:	1
98 Border Bridge:	000 % Shared: 00	237Utilities - Gas:	00
99 ID Number:	0000000000000000	Water:	12
*100 STRAHNET:	0	Electric:	00
12 Base Highway Network:	1	Telephone:	31
13ALRS Inventory Route:	1272058300	Sewer:	00
13B Sub Inventory Route:	0	247Lighting - Street:	0
101 Parallel Structure:	N	Navigation:	0
*102 Direction of Traffic:	2	Aerial:	0
*264 Road Inventory Mile Post:	002.47	*248County Continuity No.:	00
*208 Inspection Area:	05 Initials: EEP		
Engineer's Initial:	jal		
* Location I.D. No.:	127-01550F-002.41N		
		*104Highway System:	0
		*26 Functional Classification:	17
		*204Federal Route Type:	S No. 06004
		105Federal Lands Highway:	0
		*110Truck Route:	0
		206School Bus Route:	1
		217Benchmark Elevation:	0000.00
		218Datum:	0
		*19 Bypass Length:	03
		*20 Toll:	3
		*21 Maintenance:	02
		*22 Owner:	02
		*31 Design Load:	2
		37 Historical Significance:	5
		205Congressional District:	01
		27 Year Constructed:	1960
		106Year Reconstructed:	0000
		33 Bridge Median:	0
		34 Skew:	00
		35 Structure Flared:	0
		38 Navigation Control:	0
		213Special Steel Design:	0
		267Type of Paint:	0
		*42 Type of Service on:	1
		Type of Service under:	5
		214Movable Bridge:	0
		203Type Bridge:	D O O O
		259Pile Encasement:	3
		*43 Structure Type Main:	1 01
		45 No. Spans Main:	013
		44 Structure Type Appr:	0 00
		46 No. Spans Appr:	0000
		226Bridge Curve Horz:	0 Vert: 0
		111Pier Protection:	0
		107Deck Structure Type:	2
		108Wearing Surface Type:	6
		Membrane Type:	8
		Deck Protection:	8

Structure ID: 127-0066-0

Programming Data		Measurements		Ratings	
201Project No.:	UNKNOWN	*29 ADT:	005820 Year: 2003	65 Inventory Rating Method:	1
202Plans Available:	0	109% Trucks:	2	63 Operating Rating Method:	1
249Proj. Proj. No.	BRG-0005-00(879)	*28 Lanes On:	02 Under: 00	66 Inventory Type:	2 Rating: 19
250Approval Status:	0 0 0 0	210No. Tracks On:	00 Under: 00	64 Operating Type:	2 Rating: 37
251P.I. No.:	0005879	*48 Max. Span Length:	0025	231 Calculated Loads	
252Contract Date:	2/1/1901	*49 Structure Length:	325	H-Modified:	18 0
260Seismic No.:	00000	51 Br. Rwdy. Width:	24.00	HS-Modified:	20 0
75 Type Work:	34 1	52 Deck Width:	31.50	Type 3:	17 0
94 Bridge Imp. Cost:	\$570	*47 Tot. Horiz. Cl:	24.00	Type 3s2:	28 0
95 Roadway Imp. Cost:	\$74	50 Curb / Sidewalk Width:	2.60 / 2.60	Timber:	24 0
96 Total Imp Cost:	\$816	32 Approach Rdwy. Width:	023	Piggyback:	00 0
76 Imp. Length:	000536	*229Shoulder Width:		261 H Inventory Rating:	15
97 Imp. Year:	1990	Rear Lt:	3.0 Type: 8 Rt: 3.0	262 H Operating Rating:	28
114Future ADT:	008730 Year: 2023	Fwd Lt:	3.0 Type: 8 Rt: 3.0	67 Structural Evaluation:	4
Hydraulic Data		Pavement Width:		58 Deck Condition:	6
215Waterway Data		Rear:	24.5 Type: 2	59 Superstructure Condition:	5
Highwater Elev.:	0000.0 Year: 1900	Intersection Rear:	23.1 Type: 2	*227 Collision Damage:	0
Flood Elevation:	0000.0 Freq.: 000	36 Safety Features Br. Rail:	0 Fwd: 0	60ASubstructure Condition:	5
Avg. Streambed Elev.:	0000.0	Transition:	2	60BScour Condition:	7
Drainage Area:	00000	App. G. Rail:	1	60CUnderwater Condition:	5
Area of Opening:	000000	App. Rail End:	2	71 Waterway Adequacy:	8
113Scour Critical:	U	53 Minimum Cl. Over:	99' 99 "	61 Channel Protection Cond.:	8
216Water Depth:	16.0 Br. Height: 08.2	Under:	N 00' 00 "	68 Deck Geometry:	2
222Slope Protection:	1	*228Minimum Vertical Cl		69 UnderClr. Horz/Vert:	N
221Spur Dikes Rear:	0 Fwd: 0	Act. Odm Dir.:	99' 99 "	72 Appr. Alignment:	8
219Fender System:	0	Oppo. Dir:	99' 99 "	62 Culvert:	N
220Dolphin:	0	Posted Odm. Dir:	00' 00 "	Posting Data	
223Culvert Cover:	000	Oppo. Dir:	00' 00 "	70 Bridge Posting Required:	5
Type:	0	55 Lateral Undercl. Rt:	N 99.9	41 Struct Open, Posted, CL:	A
No. Barrels:	0	56 Lateral Undercl. Lt:	0.0	*103 Temporary Structure:	0
* Width:	0.00 Height: 0.00	*10 Max Min Vert Cl:	99' 99 " Dir: 0	232 Posted Loads	
* Length:	0 Apron: 0	39 Nav Vert Cl:	000 Horiz: 0000	H-Modified:	00
265U/W Insp. Area:	2 Diver: WCS	116Nav Vert Cl Closed:	000	HS-Modified:	00
Location I.D. No.:		245Deck Thickness Main:	4.00	Type 3:	00
	127-01550F-002.41N	Deck Thick. Approach:	0.00	Type 3s2:	00
		246Overlay Thickness:	3.50	Timber:	00
		212Year Last Painted:	Sup: 0000 Sub: 0000	Piggyback:	00
				253 Notification Date:	2/1/1901
				258 Fed Notify Date:	2/1/1901

Concept Meeting Minutes
Project: BRG-0005-00(879)
PI #: 0005879
Date: April 14, 2005
9:00 a.m. to 9:46 a.m.

Name	Title	Office
Sheree Smart	District Environmental	GDOT-Jesup
Billy Dampier	CAD Operator 2	GDOT-Jesup
Dennis Odom	District Design Engineer	GDOT-Jesup
Uli Keller	Commissioner District 2	Glynn County
Jim Bruner	County Engineer	Glynn County
Jeff Moody	CPM 2	GDOT- Construction
Bob Francisco	Construction Supervisor	Adelphia- Brunswick- Yulee
Theresa Nugent	Public Work Civil Tech	GDOT Construction
John Kopotic	CPT 2	GDOT- Brunswick
Cassy Lane	ET	GDOT- Construction
Bryan Czech	Area 3 Engineer	GDOT- Area 3
George Shenk	Utilities Engineer	GDOT- Utilities
Donnie Boyd	District Location Engineer	GDOT- Location
Brad Brenner	TEA	GDOT
Todd Kline	Eng. Glynn Co. Uti MGMT.	1803 Gloucester St. 209 Brunswick

Dennis Odom opened the meeting at 9:00 a.m.

Jim Bruner commented on salvaging existing bridge in order to reduce cost

Dennis Odom replied the normal procedure for substandard bridge is to remove bridge in its entirety.

Jim Bruner commented on the need for an onsite detour because the project would last through hurricane season and there is only one way off the island so the added traffic would hinder traffic flow along initial offsite detour stated in the concept.

Bryan Czech stressed the problems that the suggested offsite detour created during resurfacing of the bridge for the G8 Summit.

Dennis Odom replied that after researching the traffic flow along the suggested offsite detour, it was decided that the concept will be modified to reflect an onsite bridge detour since this would be the best route to handle the traffic flow.

Sheree Smart inquired as to whether right of way or temporary easement would be required to construct this onsite detour bridge.

Dennis Odom replied there would only be temporary easement needed to construct the onsite detour bridge.

Jim Bruner stated that the County or Sea Island Company owns the land so right of way should not be a problem.

Sheree Smart stated this project would require a Categorical Exclusion. There will be some wetland impact as well as the possibilities of endangered species.

Jim Bruner commented about the Waste Treatment Plant and if their driveway would be within project limits.

Dennis Odom replied that the driveway was most likely not within project limits and that if the driveway was found to be within the limits of the project access would be made available

George Shenk commented that there are utilities running along the side of the existing bridge such as, a forced main, Adelphia Cable, Sea Island Fiber Optics & BellSouth Fiber Optics and he asked if the utilities would be allowed to reattach to the new bridge and how we would address this issue.

Dennis Odom replied that the Department has special provisions to reattach utilities back to the bridge. This issue will be determined later in the design process after being researched.

Uli Keller asked if the bridge sufficiency rating that was in the concept was done before the resurfacing of the bridge during G8 Summit. He inquired as to whether the bridge is still substandard.

Dennis Odom replied that the sufficiency rating was most likely evaluated before the G8 Summit and another Bridge Inventory evaluation could be made to confirm that sufficiency rating is still the same.

Dennis Odom closed the meeting at 9:46 a.m.



Department of Transportation

J. TOM COLEMAN, JR.
COMMISSIONER
(404) 656-5206

FRANK L. DANCHETZ
CHIEF ENGINEER
(404) 656-5277

State of Georgia
#2 Capitol Square, S.W.
Atlanta, Georgia 30334-1002

HAROLD E. LINNENKOHL
DEPUTY COMMISSIONER
(404) 656-5212

EARL L. MAHFUZ
TREASURER
(404) 656-5224

August 12, 2003

LOCAL GOVERNMENT PROJECT AGREEMENT

In consideration of the proposed improvements, GLYNN County agrees to provide or perform the following at no cost to the Georgia D.O.T. for project BRG-0005-00(879) Glynn Co., PI # 0005879: BRIDGES SEA ISLAND RD/CR 583 OVER DUNBAR CREEK

- ☒ *Provide all rights-of-way and/or easements needed for the construction of the project and remove existing structures or obstructions within the rights-of-way.*
- ☒ *Make all utility relocations, adjustments or betterments of publicly owned utilities that are in conflict with construction of this project. Reimburse Georgia D.O.T. for any damages paid to the contractor for delay of construction caused by a delay in relocating the publicly owned utilities.*
- ☒ *Relocate or adjust all privately owned utilities to clear construction of this project, including adjustments at railroad crossings if required.*
- ☒ *Furnish detours, local borrow and waste pits as needed.*
- ☐ *We support this project but choose not to commit any funding, realizing this may delay the project until additional funding can be found.*

This 18th day of September, 20 03

APPROVED A. Jerome Clark

City/County Official

NOTICE OF LOCATION AND DESIGN APPROVAL

Project No. BRG-0005-00(879)

P. I. NUMBER 0005879

Notice is hereby given in compliance with Georgia Code 22-2-109 that the Georgia Department of Transportation has approved the Location and Design of this project.

Date of Location Approval: JUNE 1, 2005

Date of Environmental Approval: _____

The project consist of improvements of Sea Island Road/ C.R. 583 Bridge over Dunbar Creek, located in Glynn County, 2.4 miles North St. Simons Island. The project is for the replacement of a bridge with substandard load capacity, and deck geometry. The bridge has a high priority for replacement with a sufficiency rating of 46.30.

Drawings or maps or plats of the proposed project, as approved, are on file and are available for public inspection at the Georgia Department of Transportation:

Bryan Czech
GDOT
Bryanl.Czech@dot.state.ga.us
777 Gloucester Street, Suite 400
Brunswick GA 31520
Phone: 912-264-7247

Any interested party may obtain a copy of the drawings or maps or plats or portions thereof by paying a nominal fee and requesting in writing to:

Tony Collins
GDOT
Tony.Collins@dot.state.ga.us
P.O. Box 610
Jesup GA 31598
Phone: 912-427-5715

Any written request or communication in reference to this project or notice SHOULD include the Project and P. I. Numbers as noted at the top of this notice.

Department of Transportation State of Georgia

INTERDEPARTMENT CORRESPONDENCE

FILE BRG-0005-00(879), **OFFICE** Environment/Location
Glynn County
P.I. # 0005879 **DATE** February 11, 2005

FROM Harvey Keepler, State Environment/Location Engineer

TO Gary D. Priester, District Engineer
Attn. Dennis Odom

SUBJECT Traffic Volume for Sea Island Road/CR 583 over Dunbar Creek

Traffic Volume for the above project is attached below:

2004 ADT = 11500
2012 ADT = 13500
2032 ADT = 20000
D = 60%
K = 10%
T = 8%
24 HR. T. = 11%
S.U. = 10%
COMB. = 1%

If you have any questions concerning this information please contact
Soli Shakshuki at (404) 699-4458

HDK/SMS

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

Office: Jesup

Project Number: BRG-0005-00(879)

County: Glynn

P. I. Number: 0005879

Bridge Replacement on Sea Island Road/ C.R. 583 over Dunbar Creek

Recommendation for approval:

DATE 5/10/2005

DATE 5/10/2005

Billy James Ranspie
Project Manager
Kary W. Pitt
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the State Transportation Improvement Program (STIP).

DATE _____

DATE _____

DATE _____

DATE 5-17-05

DATE _____

DATE _____

State Transportation Planning Administrator

Office of Financial Management Administrator

State Environmental/Location Engineer

Theresa S. Smith
State Traffic Safety and Design Engineer

Project Review Engineer

State Bridge & Structural Engineer

**DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA**

Office: Jesup

Project Number: BRG-0005-00(879)

County: Glynn

P. I. Number: 0005879

Bridge Replacement on Sea Island Road/ C.R. 583 over Dunbar Creek

Recommendation for approval:

DATE 5/10/2005

DATE 5/10/2005

Billy James Rampie
Project Manager
Harry W. Pitt
District Engineer

The concept as presented herein and submitted for approval is consistent with that which is included in the State Transportation Improvement Program (STIP).

DATE _____

DATE _____

DATE 5.26.05

DATE _____

DATE _____

DATE _____

State Transportation Planning Administrator

Office of Financial Management Administrator

State Environmental/Location Engineer

State Traffic Safety and Design Engineer

Project Review Engineer

State Bridge & Structural Engineer